

TABLE 1: Characteristics of KENT CO. Residents Living with HIV or AIDS as of July 1, 2007

	Estimate of HIV Prevalence ¹	Reported Living with AIDS ²		Reported Living with HIV not AIDS ²	
		Number	Percent	Number	Percent
KENT CO. TOTAL	950	375	100%	307	100%
SEX					
Male	720	298	79%	218	71%
Female	230	77	21%	89	29%
BEHAVIOR					
Male-Male sex	480	189	50%	159	52%
Injecting Drug Use	60	25	7%	17	6%
Male-Male Sex/IDU	40	13	3%	16	5%
Blood Products	10	<5	*	<5	*
Heterosexual ³	230	85	23%	77	25%
HRH	140	56	15%	47	15%
PH-Female	80	29	8%	30	10%
Perinatal	10	<5	*	<5	*
Undetermined ⁴	130	57	15%	33	11%
PH-Male	100	52	14%	22	7%
Unknown	20	5	1%	11	4%
AGE AT HIV DIAGNOSIS					
0 -12 years	10	<5	*	6	2%
13 -19 years	40	17	5%	12	4%
20 -24 years	130	41	11%	55	18%
25 -29 years	180	65	17%	63	21%
30 -39 years	350	151	40%	99	32%
40 -49 years	170	63	17%	57	19%
50 -59 years	60	30	8%	13	4%
60 years and over	10	5	1%	<5	*
Unspecified	Not Applicable	0	0%	0	0%
RACE / ETHNICITY					
White, Non-Hisp.	480	182	49%	163	53%
Black, Non-Hisp.	330	129	34%	105	34%
Hispanic	130	56	15%	34	11%
Asian	10	<5	*	<5	*
American Indian	10	<5	*	<5	*
Unspecified/Other/Multi-race	Not Applicable	<5	*	0	0%

1. This estimate includes all persons living in **KENT** CO. at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

2. Includes reports that contain patient name or are otherwise unduplicated. <5 and '*' = 1, 2, 3, or 4 cases.

3. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown.

4. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk.

**Table 2: Kent County Residents Living with HIV Infection by City,
as of 7/1/2007**

City	Estimate of HIV Prevalence ²	HIV or AIDS ¹	
		Number	Percent
Kent Co.	950	682	100%
ADA	10	<5	*
ALTO	10	<5	*
BELMONT	10	<5	*
BYRON CENTER	10	<5	*
CALEDONIA	10	<5	*
CEDAR SPRINGS	10	5	1%
COMSTOCK PARK	20	13	2%
GRAND RAPIDS	730	524	77%
GRANDVILLE	10	8	1%
KENT CITY	10	<5	*
KENTWOOD	60	44	6%
LOWELL	10	<5	*
ROCKFORD	10	5	1%
SAND LAKE	10	<5	*
SPARTA	10	5	1%
WALKER	10	8	1%
WYOMING	70	53	8%
Unknown	Not applicable	<5	*

1. Reports that contain patient name or are otherwise unduplicated.

2. This estimate includes all persons living with HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that the numbers are only rounded at the at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

July 1, 2007

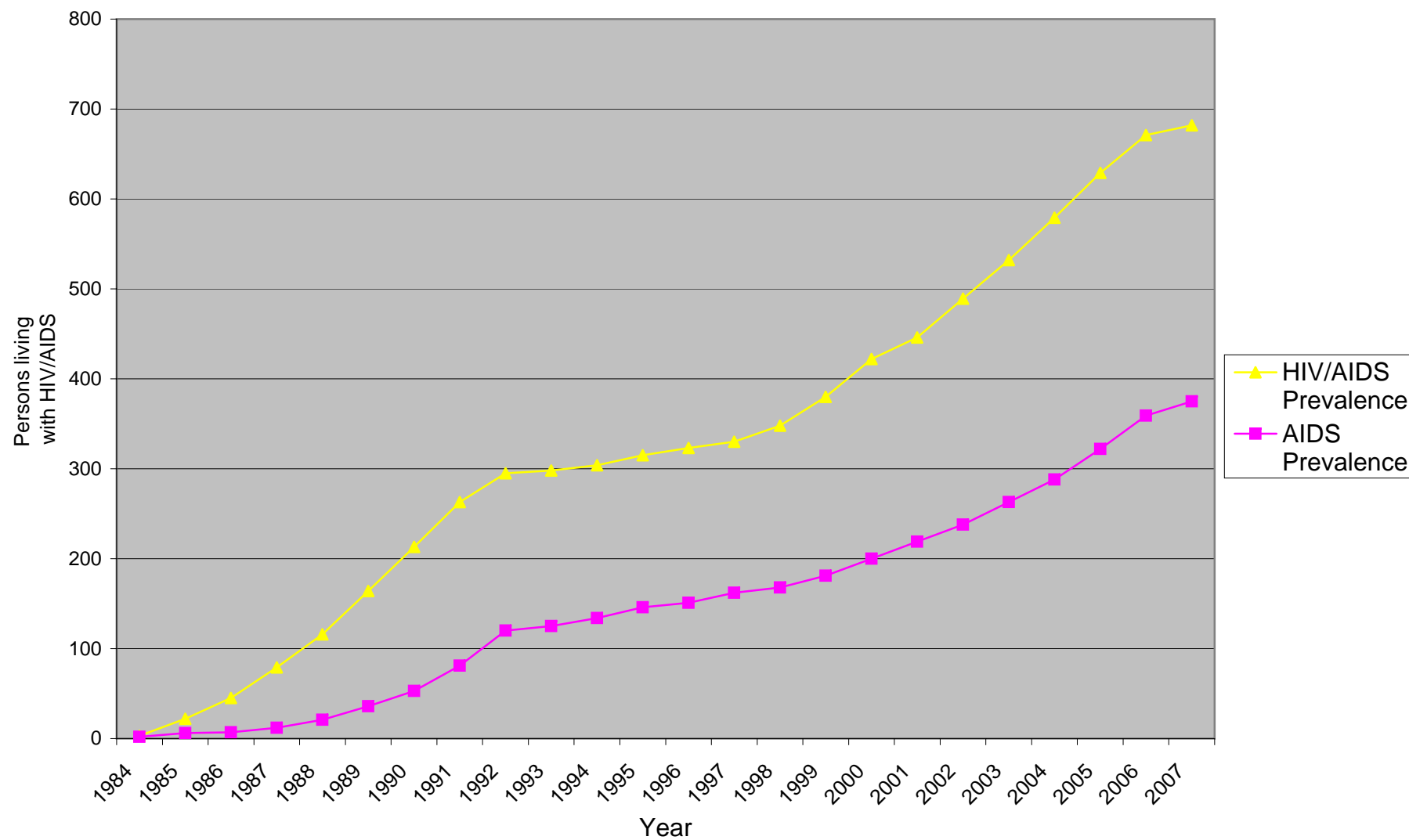
**Table 3: Kent County HIV/AIDS Prevalence
through July 1, 2007**

Year	HIV/AIDS Deaths/Year	HIV Incidence	AIDS Incidence	HIV/AIDS Prevalence	AIDS Prevalence
1981	0	0	0	0	0
1982	0	0	0	0	0
1983	0	1	1	1	1
1984	1	3	2	3	2
1985	3	22	7	22	6
1986	2	25	3	45	7
1987	5	39	10	79	12
1988	10	47	18	116	21
1989	20	68	35	164	36
1990	16	65	33	213	53
1991	28	78	54	263	81
1992	29	61	67	295	120
1993	47	50	52	298	125
1994	43	49	52	304	134
1995	37	48	48	315	146
1996	33	41	35	323	151
1997	28	35	38	330	162
1998	18	36	23	348	168
1999	12	44	25	380	181
2000	14	56	31	422	200
2001	14	38	29	446	219
2002	9	52	28	489	238
2003	6	49	30	532	263
2004	8	55	31	579	288
2005	11	61	42	629	322
2006	11	53	46	671	359
2007	4	15	20	682	375
TOTAL	409	1091	760		

Reported HIV/AIDS prevalence (all persons currently living with an HIV or AIDS diagnosis) is 682 persons through July 1, 2007

Reported AIDS prevalence (all persons currently living with an AIDS diagnosis & note this is a subset of the HIV/AIDS prevalence listed above) is 375 persons through July 1, 2007

Prevalence of Kent County residents living with HIV/AIDS and AIDS



HIV/STD & Blood borne Infections Surveillance Section
Division of Communicable Disease
Bureau of Epidemiology

July 1, 2007

Information based on the July 1, 2007 Michigan Quarterly HIV/AIDS Analysis

Residence at time of diagnosis	Estimate of HIV Prevalence	Reported Prevalence Rate	Persons living with AIDS	Persons living with HIV not AIDS	Persons ever diagnosed with AIDS
Kent County	950	114	375	307	760
Michigan Total	17,000	129	6,805	6,177	15,315

Note: This estimate includes all persons living with HIV or AIDS, including those not yet diagnosed.

Rates are calculated per 100,000 population in 2000.

Data includes reports of HIV infection and AIDS that contain patient name or are otherwise unduplicated.

TABLE 4: Characteristics of KENT CO. Residents Living with HIV or AIDS as of July 1, 2007

	Estimate of HIV Prevalence ¹	Reported Living with HIV/AIDS ²	
		Number	Percent
KENT CO. TOTAL	950	682	100%
SEX			
Male	720	516	76%
Female	230	166	24%
BEHAVIOR			
Male-Male sex	480	348	51%
Injecting Drug Use	60	42	6%
Male-Male Sex/IDU	40	29	4%
Blood Products	10	<5	*
Heterosexual ³	230	162	24%
HRH	140	103	15%
PH-Female	80	59	9%
Perinatal	10	7	1%
Undetermined ⁴	130	90	13%
PH-Male	100	74	11%
Unknown	20	16	2%
AGE AT HIV DIAGNOSIS			
0 -12 years	10	9	1%
13 -19 years	40	29	4%
20 -24 years	130	96	14%
25 -29 years	180	128	19%
30 -39 years	350	250	37%
40 -49 years	170	120	18%
50 -59 years	60	43	6%
60 years and over	10	7	1%
Unspecified	Not Applicable	0	0%
RACE / ETHNICITY			
White, Non-Hisp.	480	345	51%
Black, Non-Hisp.	330	234	34%
Hispanic	130	90	13%
Asian	10	5	1%
American Indian	10	5	1%
Unspecified/Other/Multi-race	Not Applicable	<5	*

1. This estimate includes all persons living in **KENT** CO. at diagnosis of HIV or AIDS, including those not reported or not yet diagnosed. All estimates are rounded to the nearest ten, and the minimum estimate given is 10. The formula used to gain these estimates was updated October 2003, January 2004 and January 2007 so that numbers are only rounded at the end of the estimate calculation and so that cases with no identified risk are no longer part of the equation. This may result in minor variations when compared to past estimates.

2. Includes reports that contain patient name or are otherwise unduplicated. <5 and '*' = 1, 2, 3, or 4 cases.

3. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown.

4. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk.

TABLE 5: Kent Co. Residents Reported Living with HIV or AIDS: Sex by Race by Behavior

MALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	256	83%	53	40%	36	52%	<5	*	348	67%
Injecting Drug Use	5	2%	14	11%	<5	*	0	0%	23	4%
Male-Male Sex/IDU	16	5%	9	7%	<5	*	<5	*	29	6%
Blood Recipient	<5	*	0	0%	0	0%	0	0%	<5	*
Heterosexual ¹	6	2%	13	10%	6	9%	0	0%	25	5%
Perinatal	<5	*	<5	*	0	0%	0	0%	<5	*
Undetermined ²	22	7%	39	30%	21	30%	<5	*	84	16%
PH-Male	18	6%	35	27%	19	28%	<5	*	74	14%
Unknown	<5	*	<5	*	<5	*	0	0%	10	2%
Male Subtotal	309	60%	131	25%	69	13%	7	1%	516	100%
FEMALES:	White		Black		Hispanic		Other or Unknown		TOTAL	
Injecting Drug Use	<5	*	10	10%	<5	*	<5	*	19	11%
Blood Recipient	0	0%	0	0%	<5	*	0	0%	<5	*
Heterosexual ¹	30	83%	88	85%	16	76%	<5	*	137	83%
HRH	25	69%	39	38%	12	57%	<5	*	78	47%
PH-Female	5	14%	49	48%	<5	*	<5	*	59	36%
Perinatal	0	0%	<5	*	<5	*	0	0%	<5	*
Undetermined ²	<5	*	<5	*	0	0%	0	0%	6	4%
Female Subtotal	36	22%	103	62%	21	13%	6	4%	166	100%
Total	White		Black		Hispanic		Other or Unknown		TOTAL	
Male-Male Sex	256	74%	53	23%	36	40%	<5	*	348	51%
Injecting Drug Use	9	3%	24	10%	6	7%	<5	*	42	6%
Male-Male Sex/IDU	16	5%	9	4%	<5	*	<5	*	29	4%
Blood Recipient	<5	*	0	0%	<5	*	0	0%	<5	*
Heterosexual ¹	36	10%	101	43%	22	24%	<5	*	162	24%
HRH	31	9%	52	22%	18	20%	<5	*	103	15%
PH-Female	5	1%	49	21%	<5	*	<5	*	59	9%
Perinatal	<5	*	<5	*	<5	*	0	0%	7	1%
Undetermined ²	24	7%	43	18%	21	23%	<5	*	90	13%
PH-Male	18	5%	35	15%	19	21%	<5	*	74	11%
Unknown	6	2%	8	3%	<5	*	0	0%	16	2%
GRAND TOTAL	345	51%	234	34%	90	13%	13	2%	682	100%

1. Heterosexual risk is made up of two sub-categories, (1) HRH [High Risk Heterosexual]: Males and females whose sexual partners are known to be HIV-infected or at high risk for HIV. The partners meet one of the following criteria: a history of sexual contact with bi-sexual males (for females), IDU, hemophiliacs, HIV+ transfusion recipients or other HIV+ persons of unknown risk and (2) PH [Presumed Heterosexual]-female: Females whose only reported risk is heterosexual contact, and their male partners' risk and HIV status are unknown. **In the male subset, all cases in the heterosexual category are HRH because the PH-Female category is not applicable to males.

2. Undetermined risk is made up of two sub-categories, (1) PH [Presumed Heterosexual]-Male: Males whose only reported risk is heterosexual contact, and their female partners' risk and HIV status are unknown and (2) Unknown: Males and Females with no identified risk. **In the female subset, all cases in the undetermined category of unknown risk because the PH-Male category is not applicable to females.

NOTE: Includes reports that contain patient name or are otherwise unduplicated. <5 and '*' = 1, 2, 3, or 4 cases.